

## Catalog #: 5372

### Aliases

BCR; BCR Activator Of RhoGEF And GTPase; D22S662; D22S11; BCR1; CML; PHL; ALL; BCR, RhoGEF And GTPase Activating Protein; Breakpoint Cluster Region Protein; Renal Carcinoma Antigen NY-REN-26; Breakpoint Cluster Region; EC 2.7.11.1; BCR/FGFR1 Chimera Protein; FGFR1/BCR Chimera Protein

### Background

Gene Name: BCR

NCBI Gene Entry: [613](#)

UniProt Entry: [P11274](#)

### Application Information

Molecular Weight: Predicted, 143 kDa; observed, 160 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB1190

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human Bcr

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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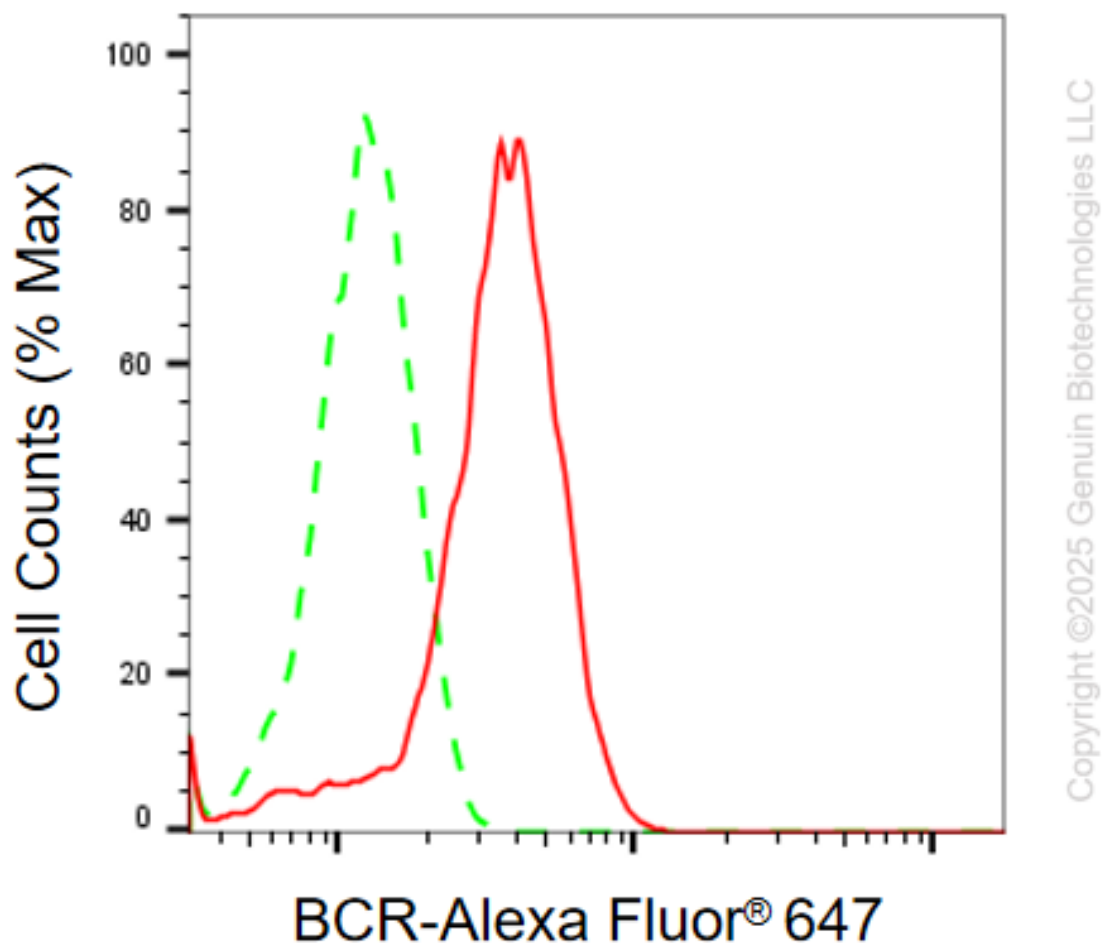
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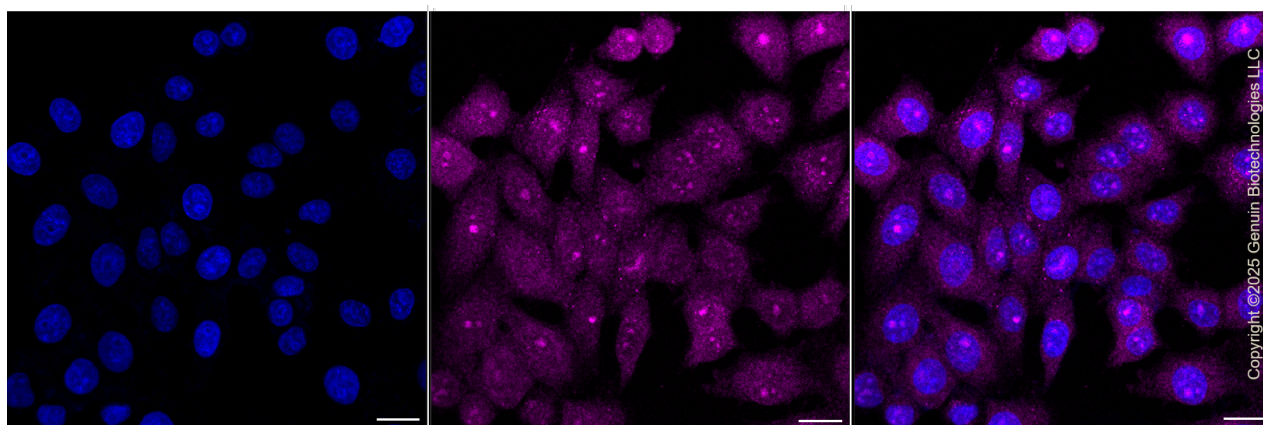
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**Note:** This product is for research use only.

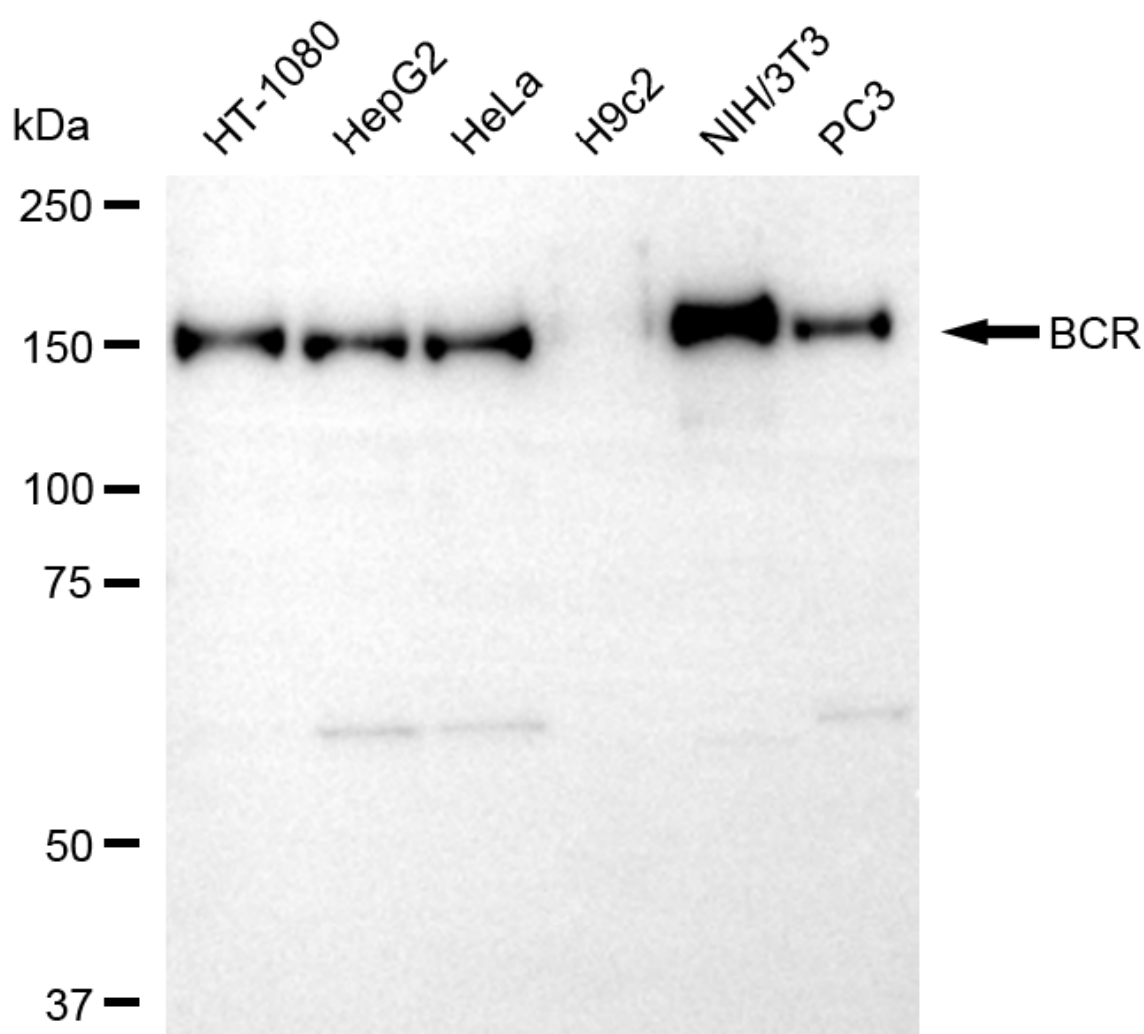
## Validation Data



Flow cytometric analysis of BCR expression in HepG2 cells using anti-BCR antibody (Cat#5372, 1:2,000). Green, isotype control; red, BCR.



Immunocytochemical staining of HepG2 cells with anti-BCR antibody (Cat#5372, 1:1,000). Nuclei were stained blue with DAPI; BCR was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-BCR antibody (Cat#5372). Total cell lysates (30  $\mu$ g) from

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various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BCR antibody (Cat#5372, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).